



HL7 Ambassador Session: The Reach and Range of HL7 Standards

Thursday October 9, 2008, 15:30 - 18:00

Conference Room: ERATO

**Host: Dr. Jill Kaufman, IBM, HL7 Marketing Council Chair,
HL7 Board of Directors**

Introduction to HL7 Ambassador Talks:

Dr. Jill Kaufman, USA

This session consists of several talks that provide a snapshot of key technical work at HL7. Topics include an overview of CDA, CCD; discusses two system functional models: EHR and PHR; and describes the important work of HL7 SOA. These official HL7 presentations have been developed for conferences to provide a overview of HL7 Standards and their benefits to the healthcare community. The talks are presented by HL7 Ambassadors.

HL7 v3:

Kai Heitmann, Director HL7 International Affiliates, Heitmann Consulting and Services (De/NL)

Version Three is HL7's family of standards developed with a model driven methodology. This talk will provide an overview of the objectives of the Version 3 Standard: the version 3 architecture and methodology, the importance of model driven design for stability and integrity of standards, and an overview of HL7 RIM (reference information model).

HL7 Clinical Document Architecture:

Rene Spronk, Ringholm GmbH, NL

The Clinical Document Architecture (CDA) is a specification for the exchange of electronic clinical documents. It can contain coded data and narrative and is compatible with the Electronic Health Record. This presentation will describe the benefits of CDA, its basic structure and provide global examples of its use. It will overview the new work at HL7 pertaining to CDAs.

HL7 Continuity of Care Document:

Gora Datta, *CAL2CAL, USA*

The HL7 Continuity of Care Document (CCD) is an implementation guide for sharing continuity of care record (CCR) patient summary data using the HL7 CDA architecture. The CCD has templates for vital signs, family history, plan of care, etc. that can be used in other CDA document types, establishing interoperability across a wide range of clinical use cases. This presentation describes the basic structure of the CCD. Examples of how the CCD is used internationally in IHE Content Profiles will be described.

HL7 EHR System Functional Model:

Pat Van Dyke, *co-Chair of HL7 EHR WG*

The Electronic Health Record System Functional Model will be overviewed. This presentation discusses how this functional model can assist in developing EHRs globally.

HL7 PHR System Functional Model:

Ana Estelrich, *Manager of Standards Implementation and Development in the National French Health Care Record*

The HL7 Personal Health Record System functional model will be overviewed.

The differences between the EHR and the PHR functional models will be discussed. The value of the PHR system functional model to many stakeholders including consumer, vendors, and providers will be discussed.

HL7 Service Oriented Architecture:

Dr. Juha Mykkänen, *University of Kuopio, Finland*

SOA, Service Oriented Architecture, is an approach to business transformation, process improvement, and to bringing healthcare assets into alignment with improved business practices. The benefits of a SOA will be discussed. HL7 is working with OMG to develop some healthcare services which will be discussed.